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IE-9320-26S2C-E DataSheet

IE-9320-26S2C-E industrial Ethernet switch offers 28 Gigabit ports in a rugged 1 RU form factor, with dual-media flexibility, stacking, and industry-grade reliability.

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IE-9320-26S2C-E Description

IE-9320-26S2C-E delivers compact, high-performance industrial Ethernet connectivity. As part of the Catalyst IE9300 Rugged Series, this robust Ethernet switch (also known as a rugged industrial switch or hardened network switch) provides 28 Gigabit ports—22 SFP downlinks and 2 dual-media combo ports—with 4 Gigabit SFP uplinks. Purpose-built for manufacturing, transportation, and utility networks, it features fanless convection cooling, Wide Temperature support, and dual AC/DC power inputs for maximum reliability.

Product Highlights

Uplink Ports

Forwarding rate

Switching Bandwidth

Quick Specs

Parameter	Value
Total Ports	28

Downlink Ports	22× 100/1000M SFP + 2× Dual-Media (SFP/RJ45)
Uplink Ports	4× 100/1000M SFP
Software License	Network Essentials
Stacking Support	Yes
DRAM	4 GB
Flash Memory	8 GB (2.5 GB user accessible)
Power Inputs	Dual AC/DC

Key Features

Industrial-Grade Design

Utility-grade, fully managed 1 RU switch with fanless, convection-cooled operation for –40 °C to 75 °C environments.

High-Density Connectivity

28 ports (22 SFP + 2 dual-media), enabling uplink aggregation and flexible port mappings.

Flexible Uplink Architecture

Four 100/1000 M SFP uplinks for seamless integration into core networks.

Robust Performance

56 Gbps switching bandwidth and 41.66 Mpps forwarding rate for line-rate packet handling.

Resilient Stacking

StackWise® ports support up to four members for unified management and simplified grow-as-you-go deployment.

Enterprise-Class Software

Cisco IOS XE with Network Essentials license, featuring full Flexible NetFlow, secure boot,

and API-driven configuration.

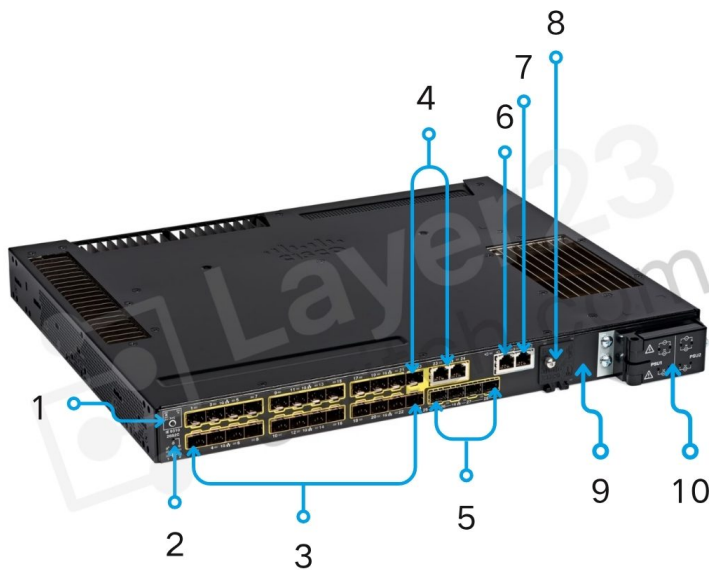## Rugged Industrial Ethernet Switch Product Comparison

Parameter	IE-9320-26S2C-E	IE-9310-26S2C-E	IE-9320-26S2C-A
Total Ports	28	28	28
Downlinks	22 × 100/1000 M SFP + 2 × Dual-Media	22 × 100/1000 M SFP + 2 × Dual-Media	22 × 100/1000 M SFP + 2 × Dual-Media
Uplinks	4 × 100/1000 M SFP	4 × 1000 M SFP	4 × 100/1000 M SFP
Default License	Network Essentials	Network Essentials	Network Advantage
Stacking Support	Yes (2 ports)	No	Yes (2 ports)
DRAM	4 GB	4 GB	4 GB
Flash (Onboard)	8 GB	8 GB	8 GB
Switching Bandwidth	56 Gbps (full-duplex)	56 Gbps (full-duplex)	56 Gbps (full-duplex)
Forwarding Rate	41.66 Mpps	41.66 Mpps	41.66 Mpps
Power Consumption	64 W	61 W	64 W
Operating Temperature	–40 °C to 75 °C	–40 °C to 75 °C	–40 °C to 75 °C

IE-9320-26S2C-E Front Panel Overview

The illustrations in this section provide an overview of the variety of components available on the various switch models in this product family. Not all models are illustrated.

1	Display mode button	6	Alarms
2	Express Setup button	7	RJ-45 console port

3	Ethernet SFP downlinks	8	(Beneath cover) Micro-USB console port, USB-A host port, and SD slot
4	Dual-media downlink ports	9	Stacking interface (IE9320 switches only)
5	Ethernet SFP uplinks	10	AC/DC power input

Specification

Parameter	Value	Parameter	Value
Model Number	IE-9320-26S2C-E	Total Ports	28
Downlinks	22×100/1000 M SFP + 2×Dual-Media (100/1000 M SFP or 10/100/1000 M RJ-45)	Uplinks	4×100/1000 M SFP
Default License	Network Essentials	DRAM	4 GB
Flash (user-accessible)	8 GB onboard (≈ 2.5 GB user-accessible)	Removable Storage	USB 2.0/3.0, SD-card (optional)
Alarm Inputs	4 dry-contact inputs	Alarm Output	1 Form-C relay output
Console Ports	1×RS-232 (RJ-45), 1×Micro-USB	Power Inputs	Dual AC/DC

Parameter	Value	Parameter	Value
StackWise® Ports	2 stacking ports	Switching Bandwidth	56 Gbps (full-duplex)
Forwarding Rate	41.66 Mpps	Queues per Port	8 egress
MAC Addresses	24 000 unicast	IGMP Groups	1 000
VLAN IDs	4 096	Active VLANs	1 024
IPv4 Indirect Routes	7 000	IPv4 Direct Routes	8 192
IPv6 Indirect Routes	1 522	STP Instances	128
ACL Entries	1 536 (PACL/VACL/RACL)	Max SVIs	984
GRE Tunnels	10	Stack Members	4
Dimensions (H × W × D)	1.72 × 17.5 × 14.0 in	Weight	12.2 lb (5.53 kg)
Operating Temp	–40 °C to 75 °C	Storage Temp	–40 °C to 85 °C
Humidity	5 % to 95 % non-condensing	Altitude	Up to 15 000 ft (no derating); to 40 000 ft (derated)
Shock & Vibration	IEC 60068-2-6/-27/-31/-32/-64	Corrosion	IEC 60068-2-52/-60
Certifications	IEC/ANSI/ISA-62443-4-1; FIPS 140-2; USGv6; Common Criteria; ODVA EtherNet/IP; NEMA TS2 2021	Warranty	Five-year limited hardware

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